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; Sequence 71, Application US/09840743
; GENERAL INFORMATION: Xaa = Trp or Leu
; APPLICANT: Fischer, Robert L.
; APPLICANT: Choi, Yeonhee
; APPLICANT: Hannon, Mike
; APPLICANT: Okamura, Jack Kishiro
; APPLICANT: Tatarinova, Tatiana Valerievna
; APPLICANT: The Regents of the University of California
; TITLE OF INVENTION: Nucleic Acids That Control Plant Development
; FILE REFERENCE: 023070-09940.US
; CURRENT APPLICATION NUMBER: US/09/840,743
; CURRENT FILING DATE: 2001-04-23
; PRIOR APPLICATION NUMBER: US 09/553,690
; PRIOR FILING DATE: 2000-04-21
; NUMBER OF SEQ ID NOS: 119
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 71
; LENGTH: 90
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: D11T Domain A
; NAME/KEY: MOD_RES
; LOCATION: (3)
; OTHER INFORMATION: Xaa = any amino acid
; NAME/KEY: MOD_RES
; LOCATION: (4)
; OTHER INFORMATION: Xaa = Ser or Leu
; NAME/KEY: MOD_RES
; LOCATION: (5)
; OTHER INFORMATION: Xaa = Asp or Pro
; NAME/KEY: MOD_RES
; LOCATION: (7)
; OTHER INFORMATION: Xaa = Glu or Val
; NAME/KEY: MOD_RES
; LOCATION: (9)-(11)
; OTHER INFORMATION: Xaa = any amino acid
; NAME/KEY: MOD_RES
; LOCATION: (13)
; OTHER INFORMATION: Xaa = Glu or Val
; NAME/KEY: MOD_RES
; LOCATION: (14)
; OTHER INFORMATION: Xaa = Leu or Val
; NAME/KEY: MOD_RES
; LOCATION: (16)
; OTHER INFORMATION: Xaa = Met or Leu
; NAME/KEY: MOD_RES
; LOCATION: (17)
; OTHER INFORMATION: Xaa = Glu or Asp
; NAME/KEY: MOD_RES
; LOCATION: (18)-(19)
; OTHER INFORMATION: Xaa = any amino acid, Xaa at positions 18 and 19
; OTHER INFORMATION: may be present or absent
; NAME/KEY: MOD_RES
; LOCATION: (21)
; OTHER INFORMATION: Xaa = Lys or Glu
; NAME/KEY: MOD_RES
; LOCATION: (22)
; OTHER INFORMATION: Xaa = any amino acid
; NAME/KEY: MOD_RES
; LOCATION: (23)
; OTHER INFORMATION: Xaa = Lys or Thr
; NAME/KEY: MOD_RES
; LOCATION: (24)
; OTHER INFORMATION: Xaa = any amino acid
; NAME/KEY: MOD_RES
; LOCATION: (25)
; OTHER INFORMATION: Xaa = Lys or Ala
; NAME/KEY: MOD_RES
; LOCATION: (26)
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; OTHER INFORMATION: Xaa = Trp or Leu
; NAME/KEY: MOD_RES
; LOCATION: (28)
; OTHER INFORMATION: Xaa = any amino acid
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; LOCATION: (32)-(33)
; OTHER INFORMATION: Xaa = any amino acid
; NAME/KEY: MOD_RES
; LOCATION: (35)
; OTHER INFORMATION: Xaa = any amino acid
; NAME/KEY: MOD_RES
; LOCATION: (36)
; OTHER INFORMATION: Xaa = Gly or Thr
; NAME/KEY: MOD_RES
; LOCATION: (38)
; OTHER INFORMATION: Xaa = any amino acid
; NAME/KEY: MOD_RES
; LOCATION: (39)
; OTHER INFORMATION: Xaa = Asp or Asn
; NAME/KEY: MOD_RES
; LOCATION: (40)
; OTHER INFORMATION: Xaa = Ser or Leu
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; LOCATION: (43)
; OTHER INFORMATION: Xaa = Ala or Asn
; NAME/KEY: MOD_RES
; LOCATION: (46)
; OTHER INFORMATION: Xaa = His or Arg
; NAME/KEY: MOD_RES
; LOCATION: (51)
; OTHER INFORMATION: Xaa = Asp or Asn
; NAME/KEY: MOD_RES
; LOCATION: (48)
; OTHER INFORMATION: Xaa = Val or Leu
; NAME/KEY: MOD_RES
; LOCATION: (55)
; OTHER INFORMATION: Xaa = Val or Thr
; NAME/KEY: MOD_RES
; LOCATION: (53)
; OTHER INFORMATION: Xaa = Pro or Gln
; NAME/KEY: MOD_RES
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; NAME/KEY: MOD_RES
; LOCATION: (66)
; OTHER INFORMATION: Xaa = Val or Thr
; NAME/KEY: MOD_RES
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; OTHER INFORMATION: Xaa = Leu or Ser
; NAME/KEY: MOD_RES
; LOCATION: (76)
; OTHER INFORMATION: Xaa = Ser or Asn
; NAME/KEY: MOD_RES
; LOCATION: (77)
; OTHER INFORMATION: Xaa = Phe or Tyr
; NAME/KEY: MOD_RES
; LOCATION: (80)
; OTHER INFORMATION: Xaa = Ser or Asn
; NAME/KEY: MOD_RES
; LOCATION: (82)
; OTHER INFORMATION: Xaa = Leu or Val
; NAME/KEY: MOD_RES
; LOCATION: (84)
; OTHER INFORMATION: Xaa = Val or Val
; NAME/KEY: MOD_RES
; LOCATION: (85)
; OTHER INFORMATION: Xaa = Leu or Val
; NAME/KEY: MOD_RES
; LOCATION: (87)
; OTHER INFORMATION: Xaa = Leu or Val

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Sequence 72, Application US/09840743

GENERAL INFORMATION: xaa = Ala or Ser

APPLICANT: Fischer, Robert L.

APPLICANT: Choi, Yeonhee

APPLICANT: Hannon, Mike

APPLICANT: Okamura, Jack Kishiro

APPLICANT: Tatarinova, Tatiana Valerievna

APPLICANT: The Regents of the University of California

TITLE OF INVENTION: Nucleic Acids That Control Plant Development

FILE REFERENCE: 023070-059910US

CURRENT APPLICATION NUMBER: US/09/840,743

CURRENT FILING DATE: 2001-04-23

PRIOR APPLICATION NUMBER: US 09/553,690

PRIOR FILING DATE: 2000-04-21

NUMBER OF SEQ ID NOS: 119

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO: 72

TYPE: PRT

ORGANISM: Artificial Sequence

FEATURE: Description of Artificial Sequence: DMT Domain B

OTHER INFORMATION: consensus sequence

NAME/KEY: MOD_RES

LOCATION: (2)

OTHER INFORMATION: xaa = Asp or Asn

NAME/KEY: MOD_RES

LOCATION: (3)

OTHER INFORMATION: xaa = any amino acid

NAME/KEY: MOD_RES

LOCATION: (4)

OTHER INFORMATION: xaa = Leu or Phe

NAME/KEY: MOD_RES

LOCATION: (6) .. (10)

OTHER INFORMATION: xaa = any amino acid

NAME/KEY: MOD_RES

LOCATION: (12) .. (17)

OTHER INFORMATION: xaa = any amino acid, xaa at positions 15-17 may be present or absent

NAME/KEY: MOD_RES

LOCATION: (19)

OTHER INFORMATION: xaa = Ser or Thr

NAME/KEY: MOD_RES

LOCATION: (21)

OTHER INFORMATION: xaa = Asp or Asn

NAME/KEY: MOD_RES

LOCATION: (22)

OTHER INFORMATION: xaa = Tyr or Trp

NAME/KEY: MOD_RES

LOCATION: (23) .. (25)

OTHER INFORMATION: xaa = any amino acid

NAME/KEY: MOD_RES

LOCATION: (27) .. (36)

OTHER INFORMATION: xaa = any amino acid

NAME/KEY: MOD_RES

LOCATION: (38) .. (39)

OTHER INFORMATION: xaa = any amino acid

NAME/KEY: MOD_RES

LOCATION: (42)

OTHER INFORMATION: xaa = Met or Gln

NAME/KEY: MOD_RES

LOCATION: (43)

OTHER INFORMATION: xaa = Asn or Phe

NAME/KEY: MOD_RES

LOCATION: (44) .. (45)

OTHER INFORMATION: xaa = any amino acid

NAME/KEY: MOD_RES

LOCATION: (47)

OTHER INFORMATION: xaa = Ala or Ser

LOCATION: (48)

OTHER INFORMATION: xaa = any amino acid

NAME/KEY: MOD_RES

LOCATION: (51) .. (62)

OTHER INFORMATION: xaa = any amino acid, xaa at positions 53-62 may be present or absent

NAME/KEY: MOD_RES

LOCATION: (65) .. (67)

OTHER INFORMATION: xaa = any amino acid

NAME/KEY: MOD_RES

LOCATION: (69) .. (70)

OTHER INFORMATION: xaa = any amino acid

NAME/KEY: MOD_RES

LOCATION: (71)

OTHER INFORMATION: xaa = His or Asn

NAME/KEY: MOD_RES

LOCATION: (73)

OTHER INFORMATION: xaa = any amino acid

NAME/KEY: MOD_RES

LOCATION: (81) .. (82)

OTHER INFORMATION: xaa = any amino acid

NAME/KEY: MOD_RES

LOCATION: (83)

OTHER INFORMATION: xaa = Pro or Asp

NAME/KEY: MOD_RES

LOCATION: (84)

OTHER INFORMATION: xaa = Pro or Ser

NAME/KEY: MOD_RES

LOCATION: (85)

OTHER INFORMATION: xaa = Asp or His

NAME/KEY: MOD_RES

LOCATION: (86)

OTHER INFORMATION: xaa = Pro or Ser

NAME/KEY: MOD_RES

LOCATION: (87)

OTHER INFORMATION: xaa = Ala or Val

NAME/KEY: MOD_RES

LOCATION: (89)

OTHER INFORMATION: xaa = any amino acid

NAME/KEY: MOD_RES

LOCATION: (90)

OTHER INFORMATION: xaa = Tyr or Phe

NAME/KEY: MOD_RES

LOCATION: (93)

OTHER INFORMATION: xaa = Ser or Glu

NAME/KEY: MOD_RES

LOCATION: (94)

OTHER INFORMATION: xaa = Ile or Phe

NAME/KEY: MOD_RES

LOCATION: (95)

OTHER INFORMATION: xaa = any amino acid

NAME/KEY: MOD_RES

LOCATION: (97)

OTHER INFORMATION: xaa = Leu or Ile

NAME/KEY: MOD_RES

LOCATION: (102)

OTHER INFORMATION: xaa = Val or Ala

NAME/KEY: MOD_RES

LOCATION: (105)

OTHER INFORMATION: xaa = any amino acid

NAME/KEY: MOD_RES

LOCATION: (111)

OTHER INFORMATION: xaa = His or Lys

NAME/KEY: MOD_RES

LOCATION: (112) .. (113)
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 NAME/KEY: MOD_RES
 LOCATION: (125)
 OTHER INFORMATION: Xaa = Ala or Cys ↘
 NAME/KEY: MOD_RES
 LOCATION: (128)
 OTHER INFORMATION: Xaa = Met or Leu
 NAME/KEY: MOD_RES
 LOCATION: (130)
 OTHER INFORMATION: Xaa = Trp or Leu
 NAME/KEY: MOD_RES
 LOCATION: (134)
 OTHER INFORMATION: Xaa = Gin or Glu
 NAME/KEY: MOD_RES
 LOCATION: (138) .. (139)
 OTHER INFORMATION: Xaa = any amino acid
 NAME/KEY: MOD_RES
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 OTHER INFORMATION: Xaa = Leu or Met
 NAME/KEY: MOD_RES
 LOCATION: (144)
 OTHER INFORMATION: Xaa = Leu or Gln
 NAME/KEY: MOD_RES
 LOCATION: (146)
 OTHER INFORMATION: Xaa = Glu or Phe
 NAME/KEY: MOD_RES
 LOCATION: (147)
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 NAME/KEY: MOD_RES
 LOCATION: (150)
 OTHER INFORMATION: Xaa = any amino acid
 NAME/KEY: MOD_RES
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 NAME/KEY: MOD_RES
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 NAME/KEY: MOD_RES
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 OTHER INFORMATION: Xaa = Asp or Pro
 NAME/KEY: MOD_RES
 LOCATION: (158)
 OTHER INFORMATION: Xaa = any amino acid
 NAME/KEY: MOD_RES
 LOCATION: (159) .. (184)
 OTHER INFORMATION: Xaa = any amino acid, Xaa at positions 183 and 184
 OTHER INFORMATION: may be present or absent
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 LOCATION: (189) .. (190)
 OTHER INFORMATION: Xaa = any amino acid
 NAME/KEY: MOD_RES
 LOCATION: (176)
 OTHER INFORMATION: Xaa = Gin or His
 NAME/KEY: MOD_RES
 LOCATION: (177)
 OTHER INFORMATION: Xaa = Leu or Met
 NAME/KEY: MOD_RES
 LOCATION: (183) .. (184)
 OTHER INFORMATION: Xaa = any amino acid
 NAME/KEY: MOD_RES
 LOCATION: (199)
 OTHER INFORMATION: Xaa = Arg or Lys
 NAME/KEY: MOD_RES
 LOCATION: (200) .. (201)
 OTHER INFORMATION: Xaa = any amino acid, Xaa at positions 200 and 201
 OTHER INFORMATION: may be present or absent

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